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CLAIMSWhat is claimed is:

1. Reciprocating-piston machine, in particular a refrigerant
10 compressor (1) for a motor vehicle air-conditioning system, comprising
- a machine shaft (2) rotatably supported in a machine housing,
 - a plurality of pistons (4) arranged circularly around
15 said machine shaft (2) in said machine housing (3),
 - an annular pivoting disc (5) driven by the machine shaft (2) and
 - engaging said pistons via joint arrangement (6),
 - a driver (7) mounted on said machine shaft and being
20 connected to said pivoting disc in an articulated manner for transmitting the drive forces to said pivoting disc (3) and
 - a sliding body (9) axially movably supported on said machine shaft, said pivoting disc (3) being supported
25 on said sliding body pivotably about a hinge axis (8) oriented transversely to the machine shaft, said sliding body (9) including an axially extending recess receiving said driver and being provided at its inside facing the machine shaft (2) with a cavity
30 (17), which is in communication with a bore forming a discharge passage (24, 25, 26) extending through the machine shaft (2).
2. A reciprocating-piston machine according to claim 1,
35 wherein said cavity (17) has an orifice (16) providing

for communication with a drive space (14) of the reciprocating-piston machine, said orifice (16) being arranged at a distance, in the direction of the axis of rotation (11) of the machine shaft, from the exit of the discharge line (24, 25, 26) extending through the machine shaft (2).

3. A reciprocating-piston machine according to claim 1, wherein said orifice (16) is arranged in the region of said recess (9a).
4. A reciprocating-piston machine according to claim 1, wherein said sliding body (9) is provided at one end thereof with a stop face (22) and said machine shaft is provided with a stop (20) for limiting axial movement of said sliding body (9), and a cup-shaped spring element (23) is arranged between said stop (20) and said stop face (22) of the sliding body (9).